

|         |   |                |                                |
|---------|---|----------------|--------------------------------|
| Product | <b>Contacts: 5, Female cable connector, CAN bus, with UL approval</b> | Area           | <b>M12-A Series 763</b>        |
| Pole    | <b>5</b>  | Article number | <b>77 2530 0000 50705-0200</b> |

| Illustration | Scale drawing | Contact Arrangement  |
|--------------|---------------|--|
|              |               | <ul style="list-style-type: none"> <li>1 Schirm/shield</li> <li>2 rot/red (AWG22)</li> <li>3 schwarz/black (AWG22)</li> <li>4 weiß/white (AWG24)</li> <li>5 blau/blue (AWG24)</li> </ul> |

## Technical data

### Common values

|                          |                                |
|--------------------------|--------------------------------|
| Connector Design         | Female cable connector         |
| Connector locking system | screw                          |
| Termination              | crimp, injection-moulded cable |
| Wire gauge (mm)          | 1 x 2 x AWG 22/ 1 x 2 x AWG 24 |
| Wire gauge (AWG)         | 1 x 2 x AWG 22/ 1 x 2 x AWG 24 |
| Upper temperature        | 85 °C                          |
| Lower temperature        | -25 °C                         |

### Cable data

|                        |                           |
|------------------------|---------------------------|
| material housing       | PUR                       |
| Insulation single lead | Polyolefin                |
| Single lead structure  | 19x0.16/19x0.13           |
| Cable sheath Ø         | 7.2                       |
| Approval               | UL style: UL 1581, UL 444 |

### Electrical values

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 60 V                |
| Rated impulse voltage | 1500 V              |
| Pollution degree      | 3                   |
| Overvoltage category  | II                  |
| Material group        | II                  |
| Rated current (40°C)  | 4 A                 |
| Volume resistivity    | ≤ 3 mΩ              |
| EMV compliance        | shielded            |
| Degree of protection  | IP67                |
| Mechanical operation  | > 100 mating cycles |

### Material

|                          |               |
|--------------------------|---------------|
| Material of contact      | CuSn (Bronze) |
| Contact plating          | Au (Gold)     |
| Material of contact body | PUR           |
| Material of housing      | PUR           |

Contacts: 5, Cable length 2 m, female cable connector, CAN bus, with UL approval